

FIG. 1

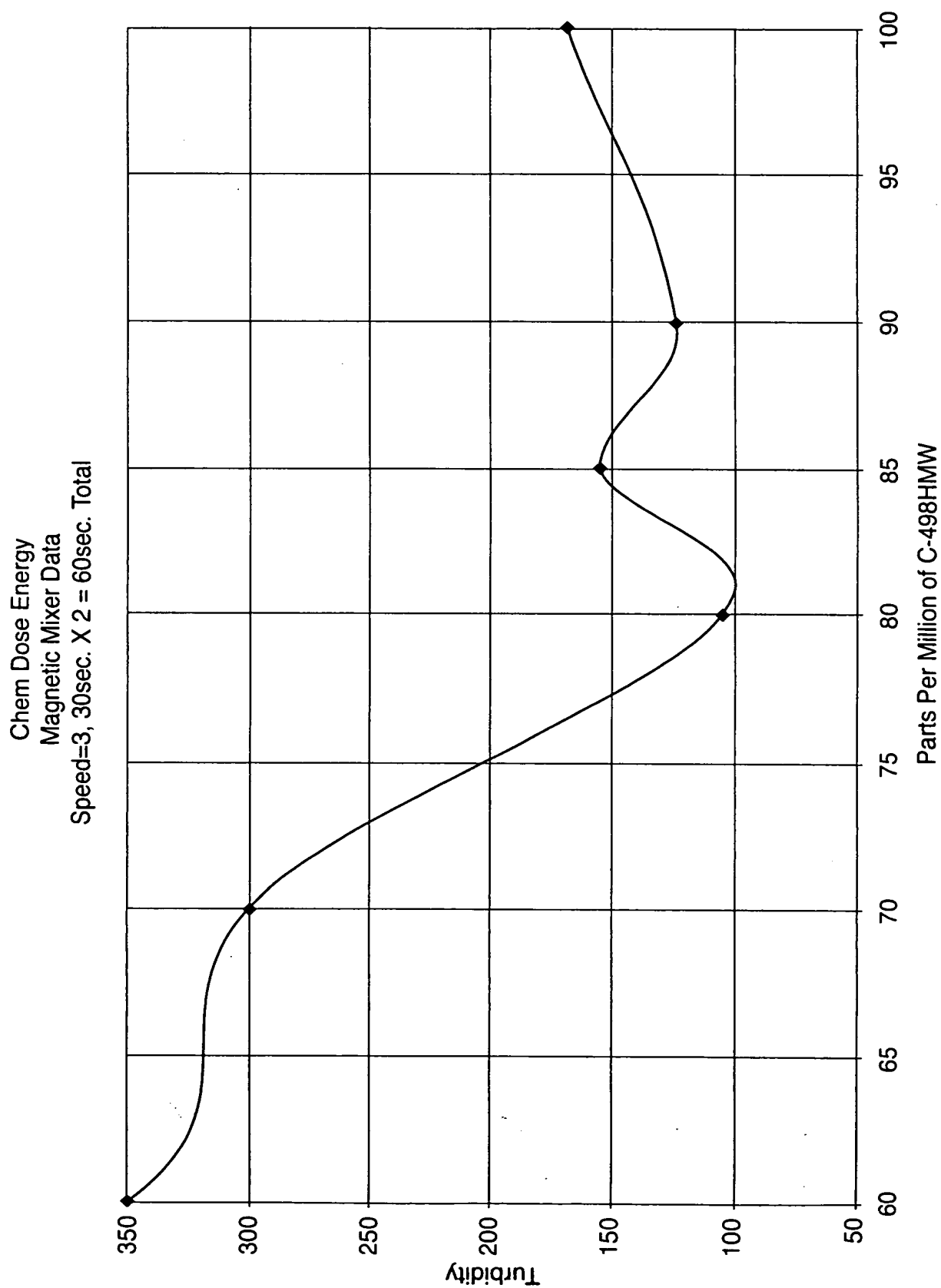


FIG. 2

Speed Physical Energy
Toms Mixer Data Cat Dose
30ppm x 2=60ppm, 10sec. X 2=20sec.

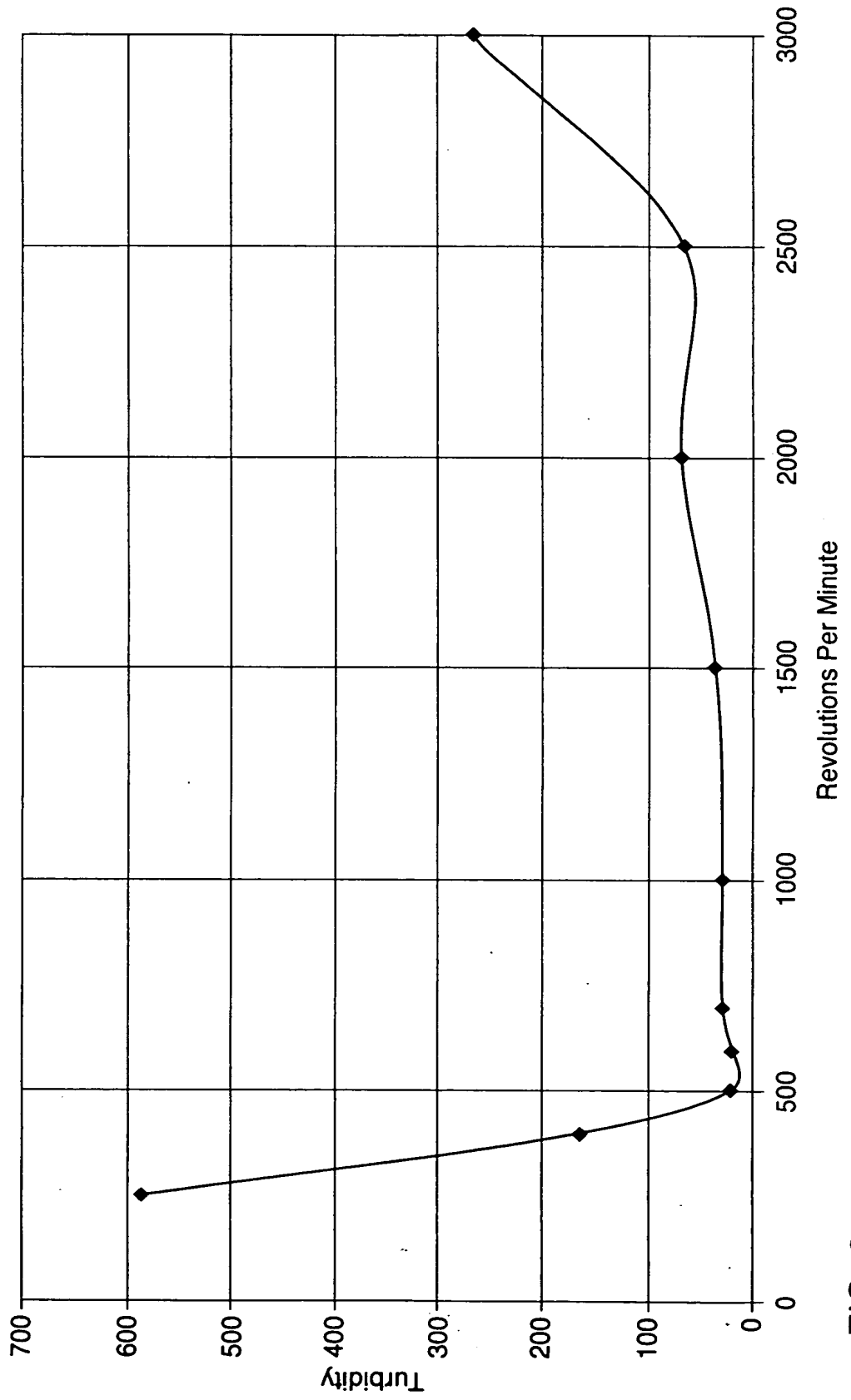


FIG. 3

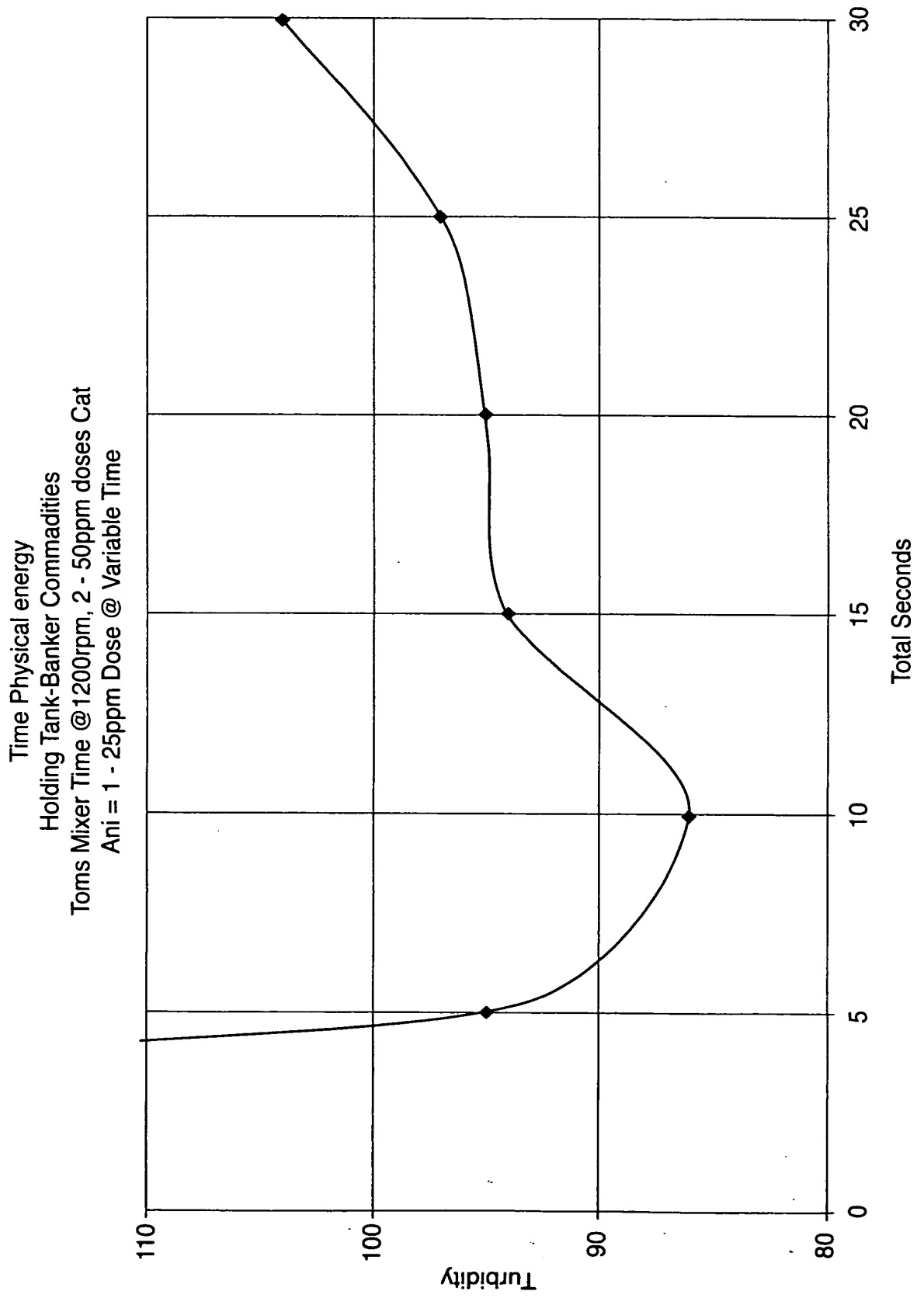


FIG. 4

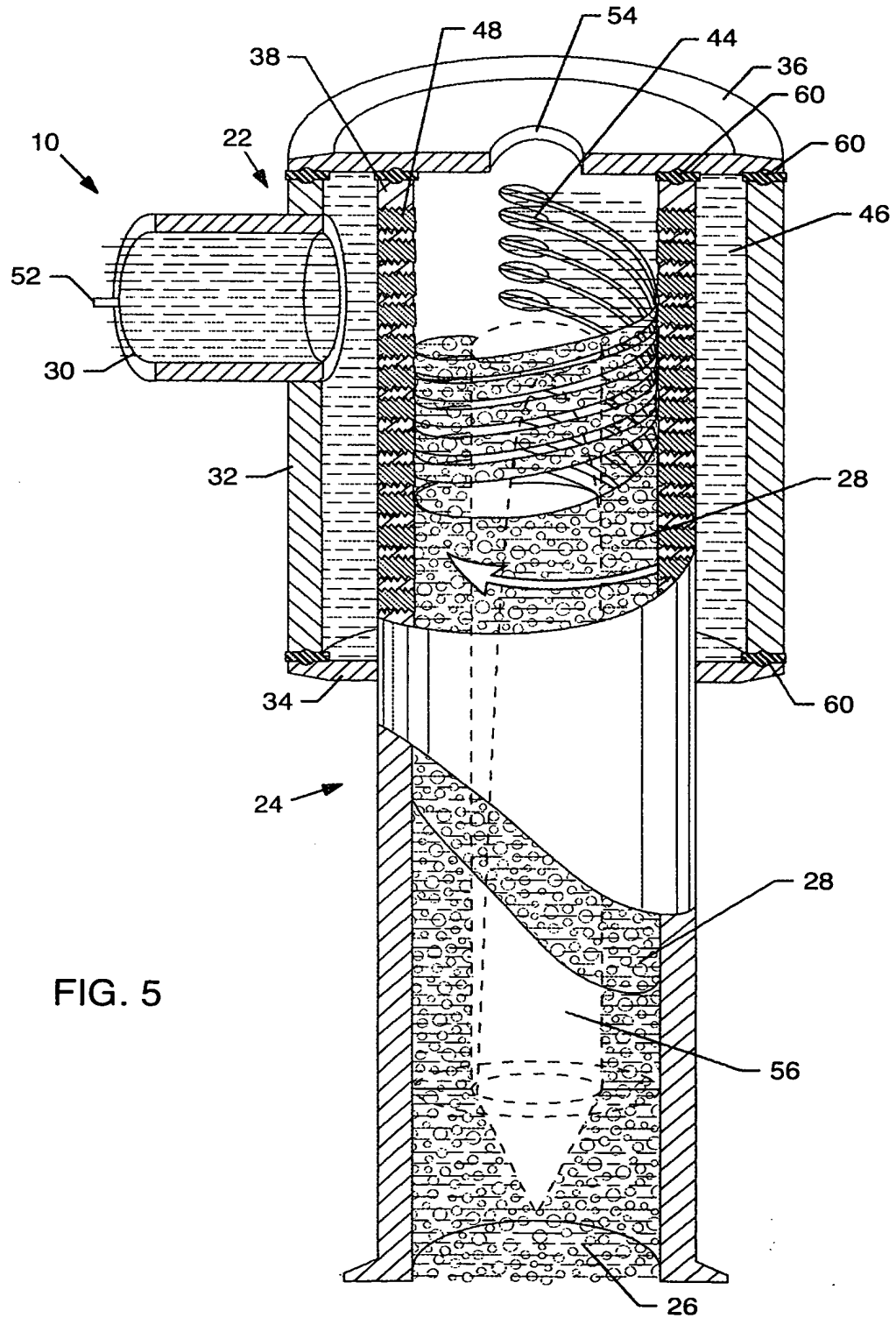


FIG. 6

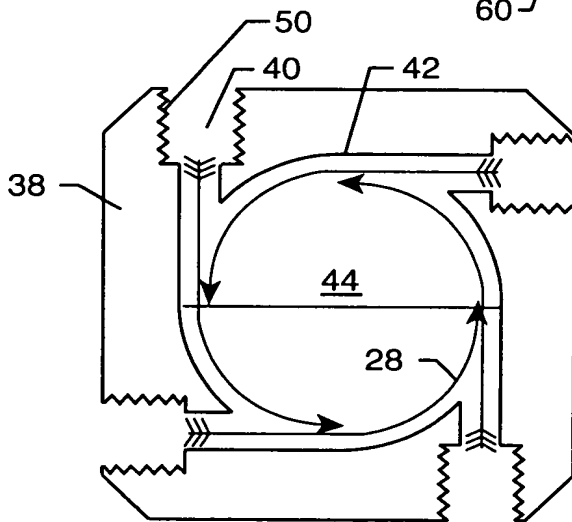
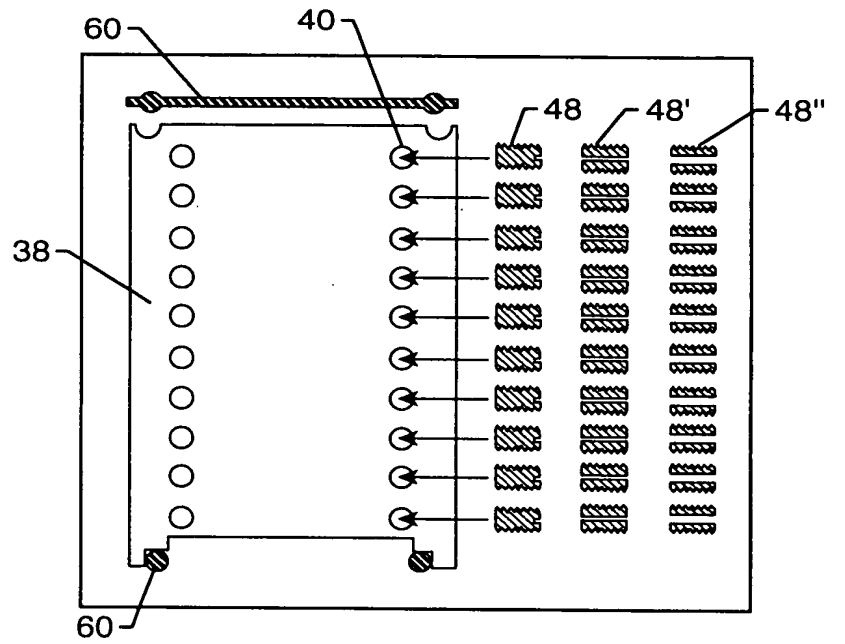
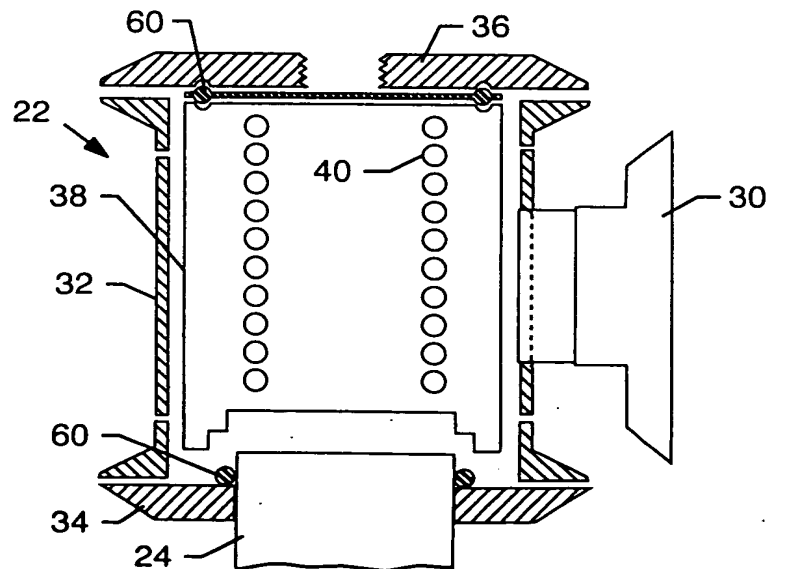


FIG. 7

FIG. 8



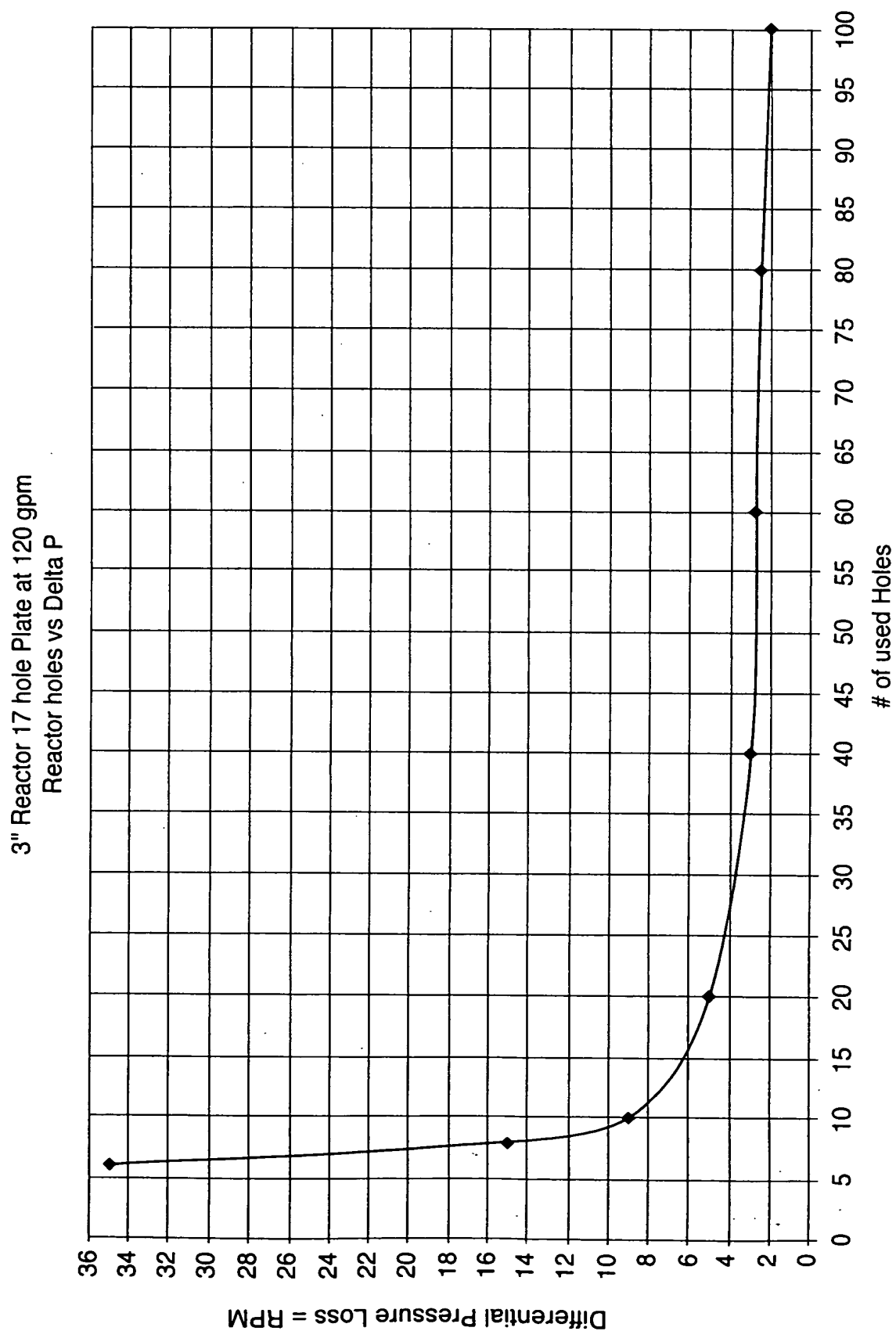


FIG. 9

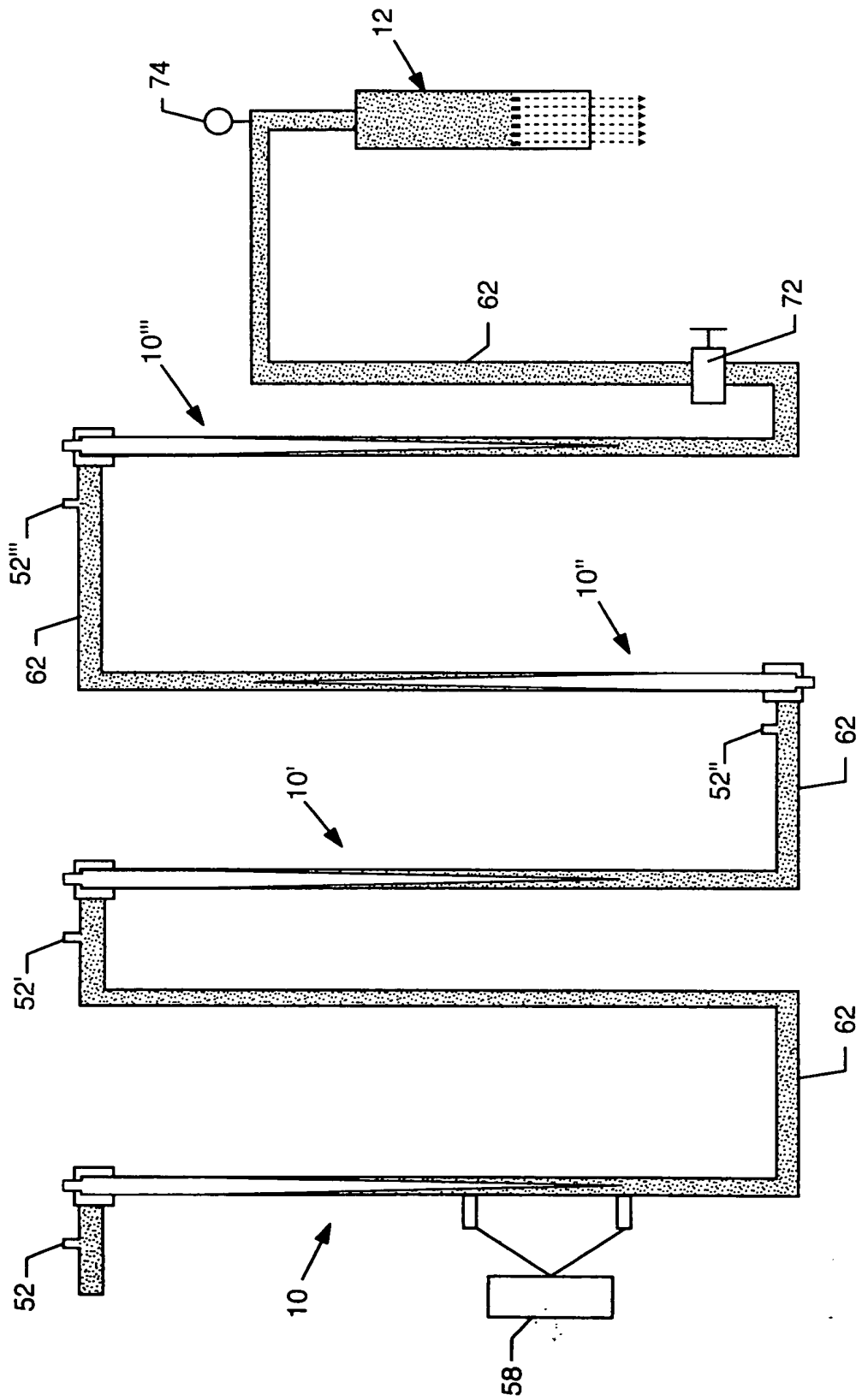
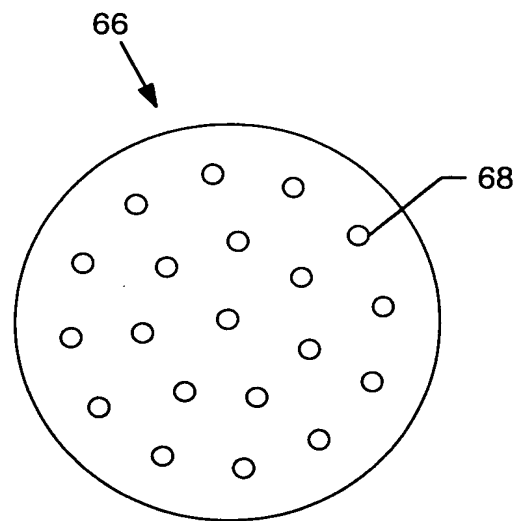
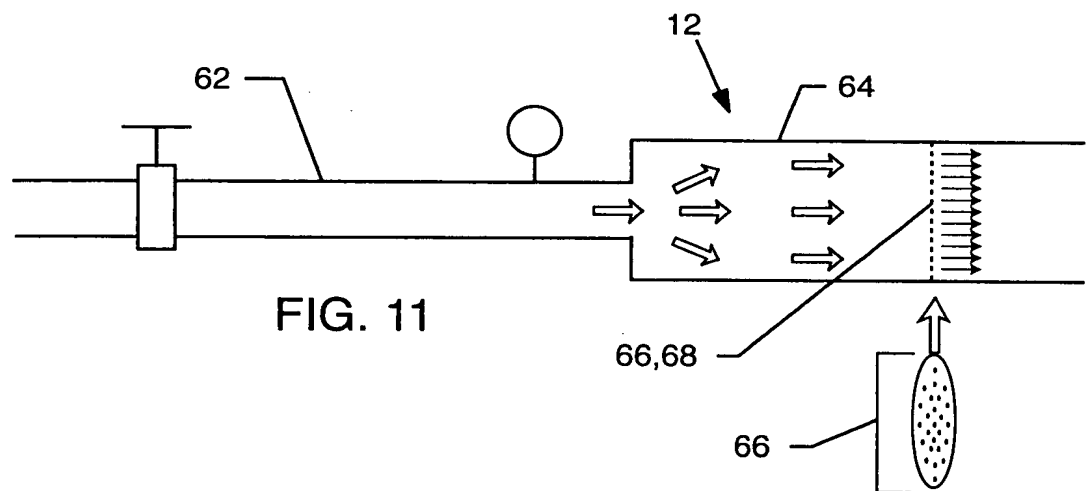


FIG. 10



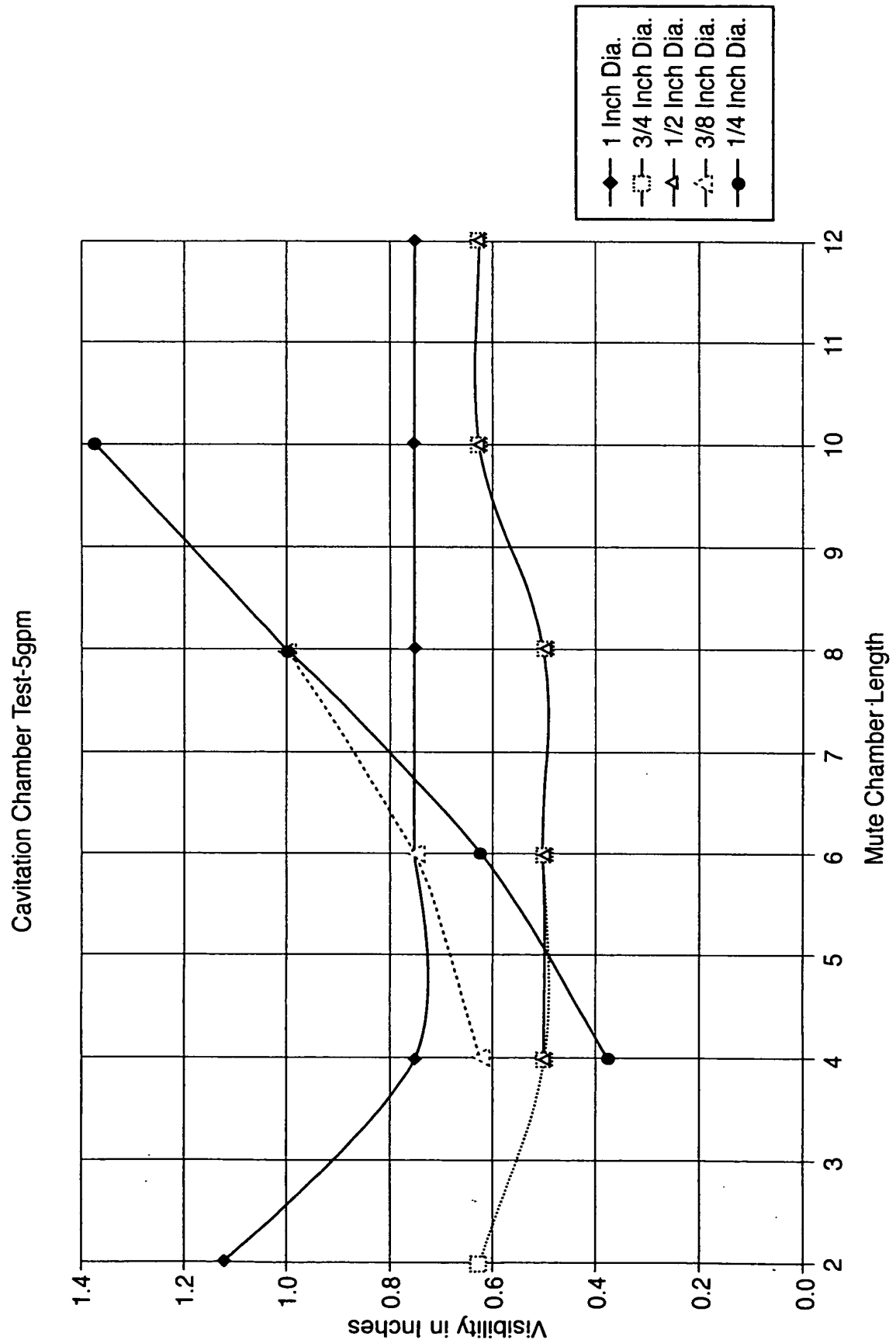


FIG. 13

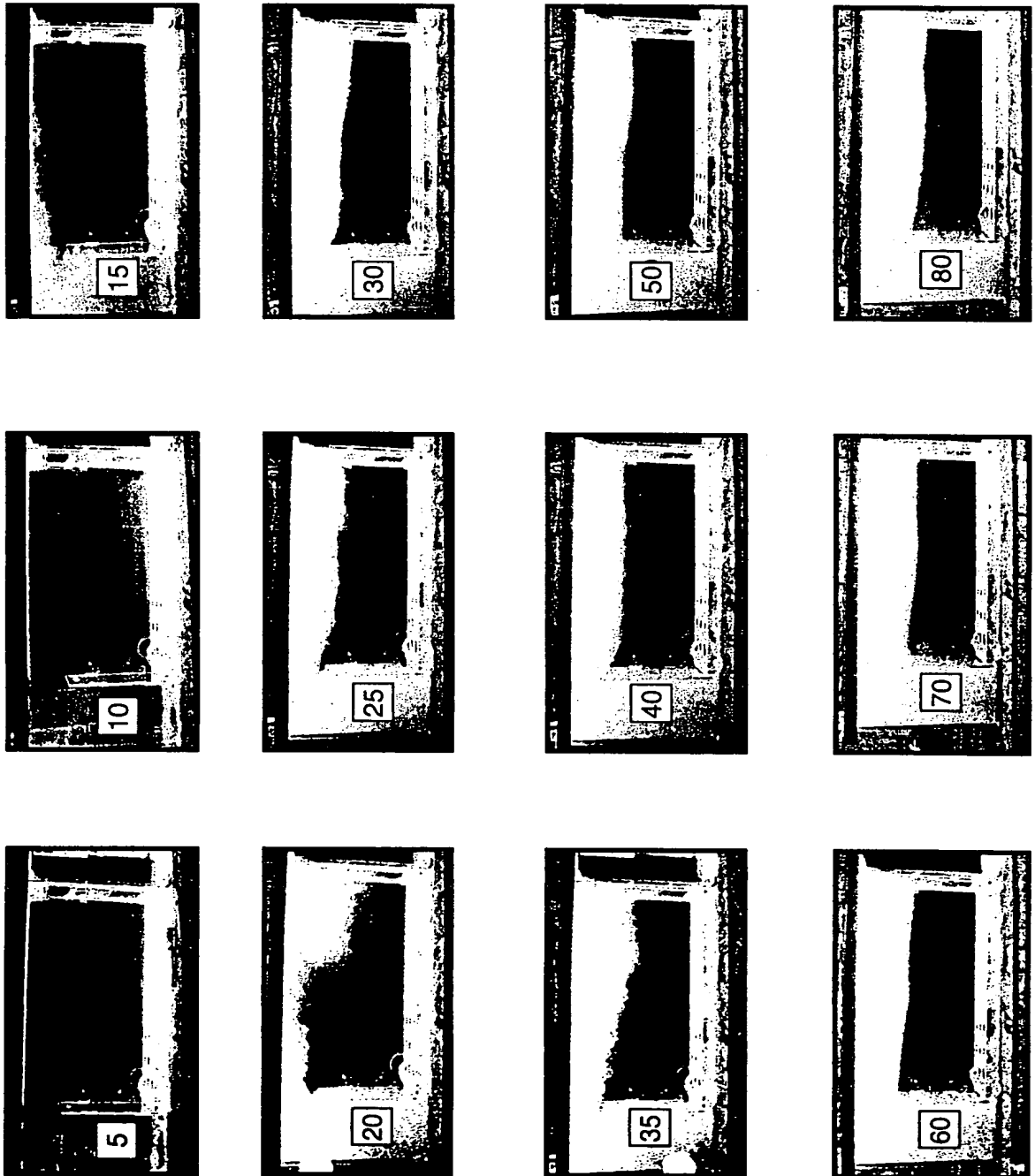


FIG. 14

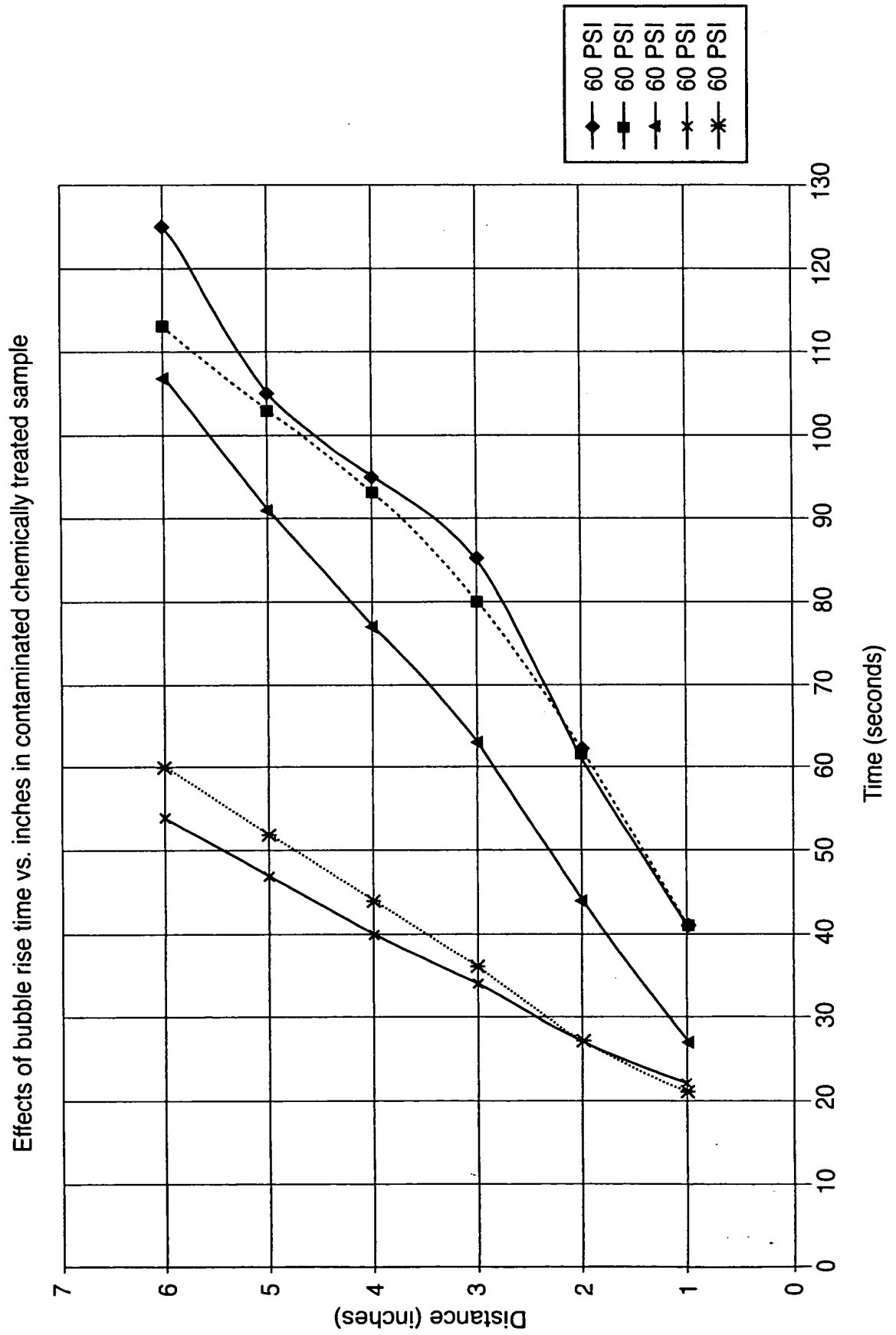


FIG. 15

in 64ths

# of Holes	Hrtz	GPM	P1	P2	Delta P	2 Foot Vis	Python Size
7	46	10	54	33	21	4.000	20
7	48	10	57	36	21	3.250	19
7	50	10	62	43	19	1.500	18
7	51	10	68	47	21	1.750	17
7	56	10	82	63	19	2.000	G
7	58	10	90	70	20	1.750	16
7							15
7							14

FIG. 16A

in 64ths

# of Holes	Hrtz	GPM	P1	P2	Delta P	2 Foot Vis	Python Size
20	40	10	38	32	6	6.000	20
20	41	10	40	36	4	4.000	19
20	45	10	50	45	5	3.500	18
20	46	10	51	46	5	2.750	17
20	52	10	70	66	4	3.250	G
20	54	10	76	70	6	2.750	16
20	56	10	83	78	5	3.500	15
20	60	10	96	91	5	7.000	14

FIG. 16B

in 64ths

# of Holes	Hrtz	GPM	P1	P2	Delta P	2 Foot Vis	Python Size
28	40	10	38	36	2	5.000	20
28	42	10	43	39	4	3.500	19
28	44	10	48	45	3	3.500	18
28	46	10.2	52	48	4	3.000	17
28	48	9.5	59	55	4	2.500	G
28	51	9.7	68	64	4	2.750	16
28	54	10	76	72	4	3.500	15
28	60	10	95	92	3	3.500	14

FIG. 16C

3" Reactor-Python Test 40 hole Reactor 3/8 hole
GPM vs Python Pressure

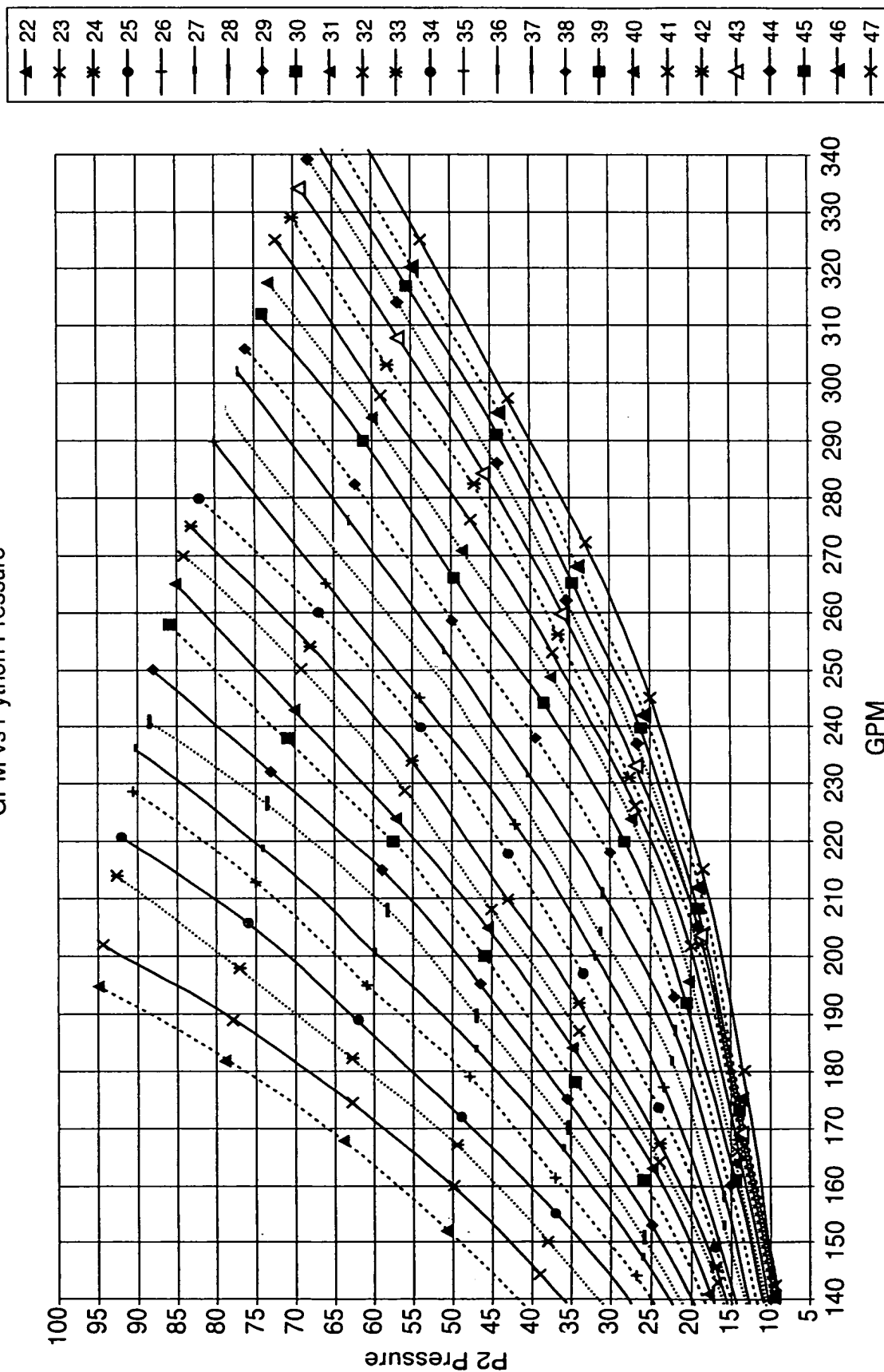


FIG. 17

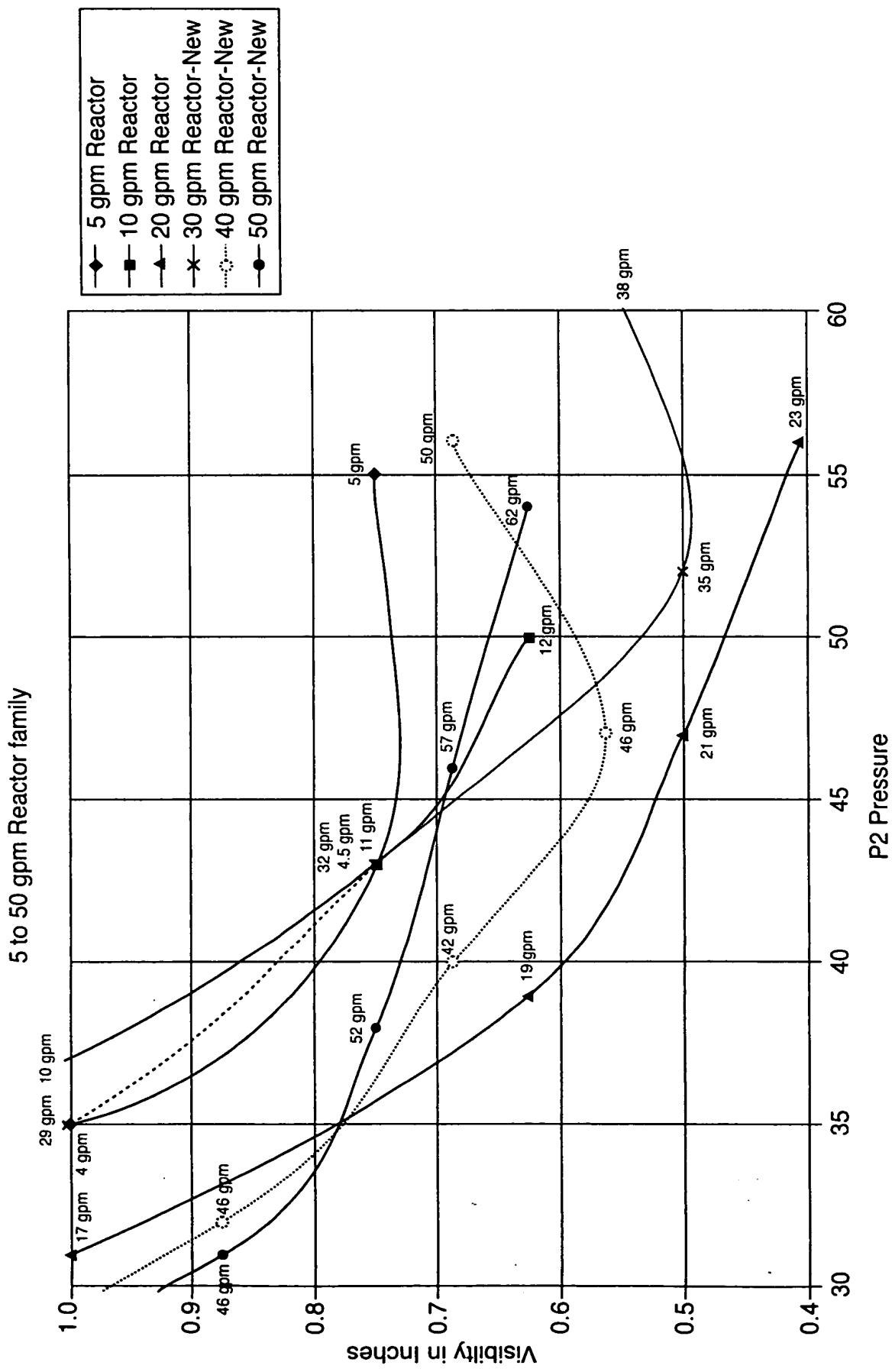


FIG. 18

